

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

BELCO PETROLEUM CORPORATION

## 3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 2175' FWL &amp; 1929' FNL' (SE NW)

At proposed prod. zone SAME

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approx. 5.3 miles ENE of Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1929'

## 16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

5902'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4707' Natural G.L.

## 22. APPROX. DATE WORK WILL START\*

Oct. 1, 1980

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	9 5/8"	36.0# K-55	200'	200 sx "G" cement
7 7/8"	5 1/2"	15.5# K-55	5902'	Sufficient to cover up to base of Uinta Formation

1. Surface Formation: Uinta
2. Est. Log Tops: Green River 2472'.
3. Anticipate water throughout the Uinta and oil through the Green River formation.
4. Casing Design: New casing as described above, surface casing will be set w/air driller.
5. Min. BOP: 10" 3000 PSI hydraulic doublegate BOP. Will test to 1000 PSI prior to drilling surface plug and on each trip for bit.
6. Mud program: A water based gel chemical mud weighted to 10.5 ppg will be used to control the well.
7. Aux. Equip: 2" 3000 PSI choke manifold and kill line, kelly cock, stabbing valve and visual mud monitoring.
8. No cores or DST's are anticipated. Will run DIL, CNL, FDC, GR w/caliper logs.
9. No abnormal problems or pressures are anticipated.
10. Operations will commence approx 10-1-80 and end 10-15-80.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*J. R. Beel*

TITLE District Engineer

DATE August 20, 1980

(This space for Federal or State office use)

PERMIT NO.

43047-30780

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

APPROVAL DATE

9/19/80

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE:

9-19-80  
BY: *M. J. Minder*

DATE

\*See Instructions On Reverse Side

Seal. Dr. Rv. 2476

H 4179

J 4706

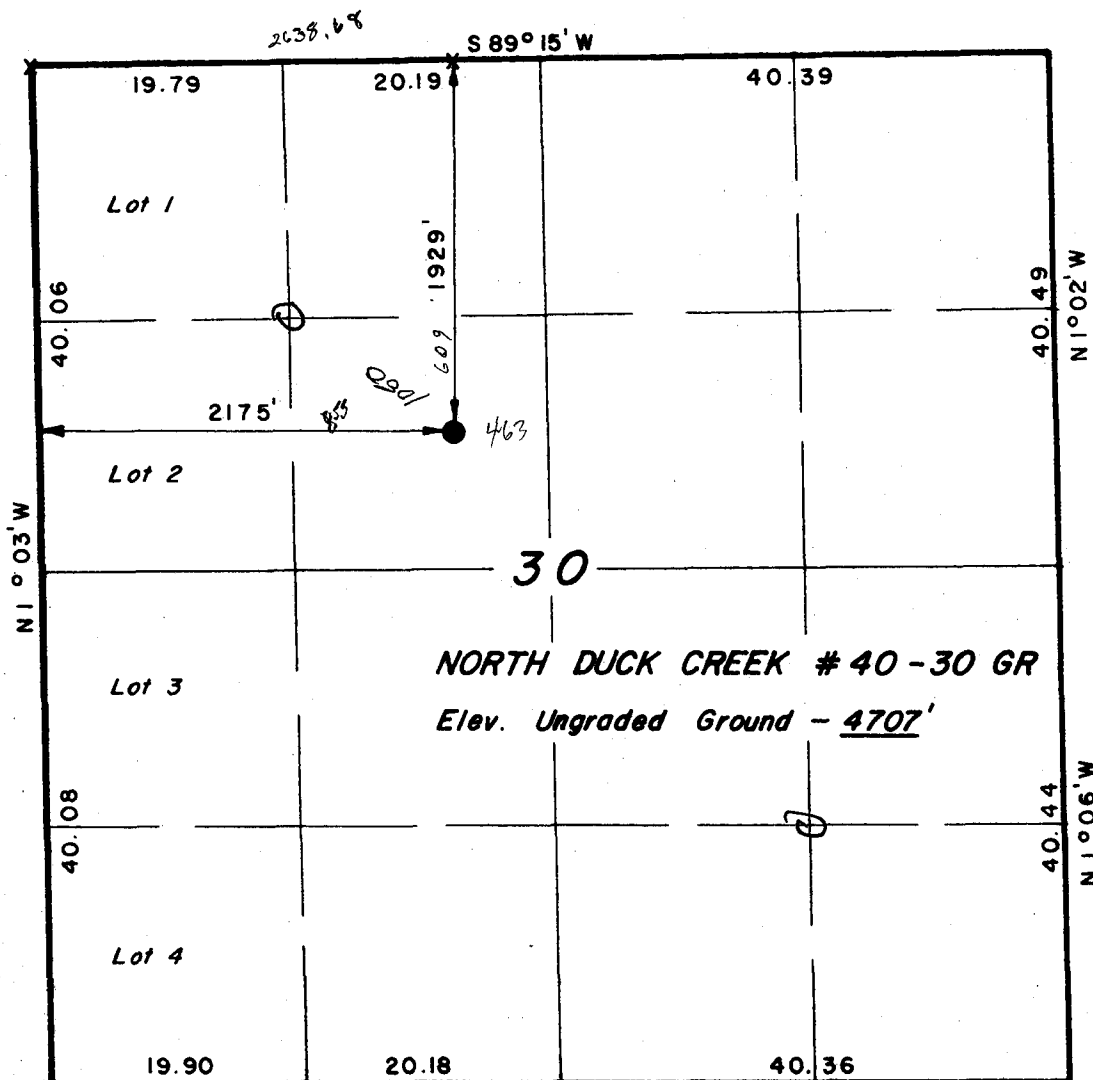
G 5249

M 5341

**T 8 S, R 21 E, S.L.B. & M.**

**PROJECT**  
**BELCO PETROLEUM CORP.**

Well location, **NORTH DUCK CREEK**  
**# 40-30 GR**, located as shown in  
the SE1/4 NW1/4 Section 30, T 8 S,  
R 21 E, S.L.B. & M. Uintah County,  
Utah.



X = Section Corners Located



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
**P.O. BOX Q - 110 EAST - FIRST SOUTH.**  
**VERNAL, UTAH - 84078**

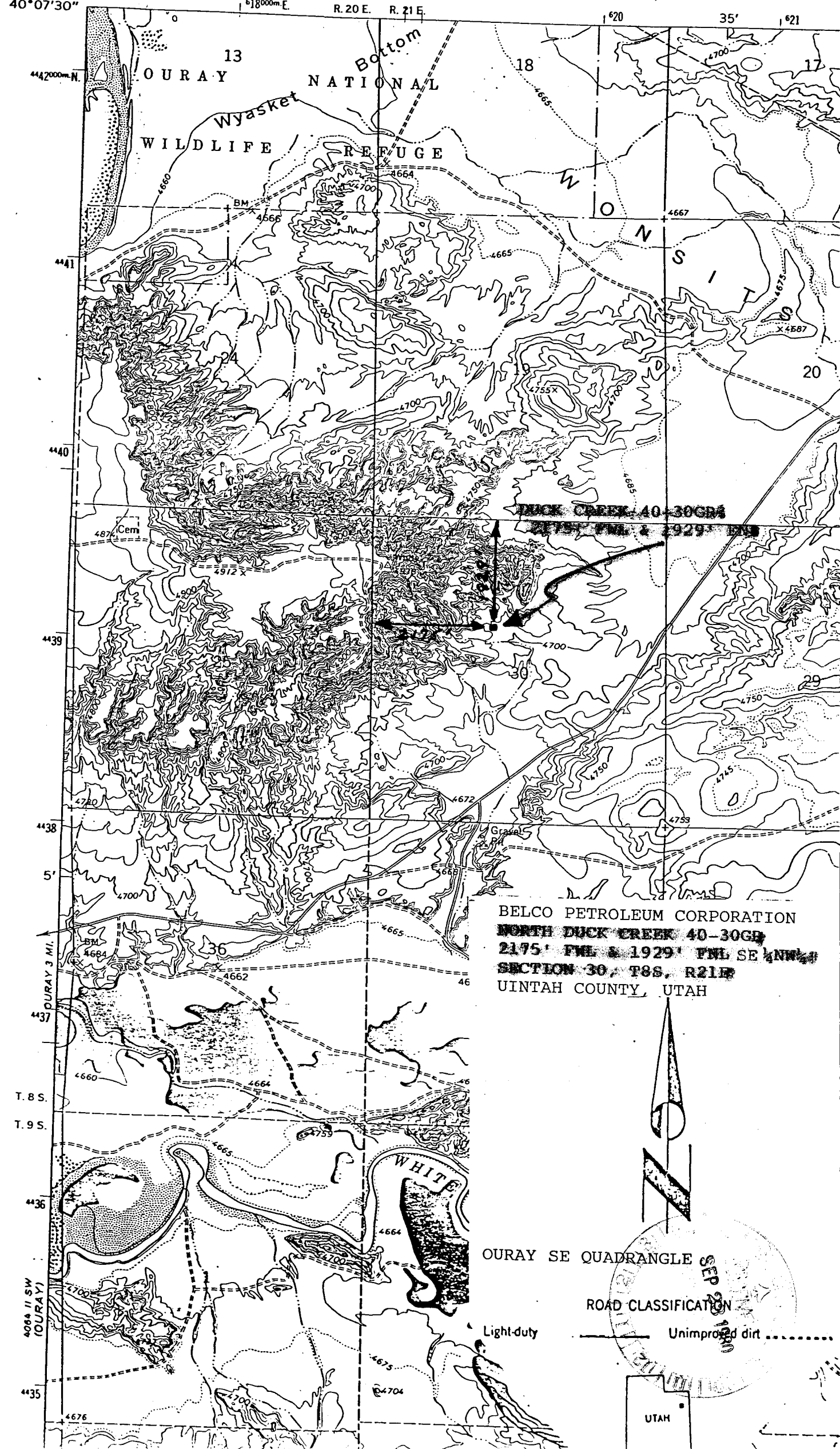
SCALE	1" = 1000'	DATE	8 / 19 / 80
PARTY	DA DK AC	REFERENCES	GLO Plats
WEATHER	Fair	FILE	BELCO PETROLEUM CORR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

109°37'30"  
40°07'30"

618000m.E. R. 20 E. R. 21 E.

620 35' 621



BELCO PETROLEUM CORPORATION  
NORTH DUCK CREEK 40-30GB  
2175' FNL & 1929' FNL SE 1/4 NW 1/4  
SECTION 30, T8S, R21E  
UINTAH COUNTY, UTAH



OURAY SE QUADRANGLE

ROAD CLASSIFICATION  
Light-duty ———— Unimproved dirt .....

UTAH

WELL NAME: North Duck Creek #40-30GR

LOCATION: 2175' FWL & 1929' FNL SE NW Sec. 30, T8S, R21E

1. EXISTING ROADS:

- A. Proposed Wellsite: See attached Survey Plat.
- B. Route and distance from locatable reference: See Attached Map B. Existing road colored blue. This location is approximately 5.3 miles ENE of Ouray Utah.
- C. Access Road: See attached Map B. Access road to be upgraded or newly constructed colored yellow.
- D. Not applicable.
- E. See attached Map B.
- F. If production is obtained, road will be improved to the standards of a permanent road and maintained in a passable condition.

2. PLANNED ACCESS ROADS:

- A. Width: Total disturbed area will be a maximum of 32' except where necessitated by fills or backslopes.
- B. Maximum Grade: 4%.
- C. Turnouts: No turnouts will be required.
- D. Drainage Design: Roads will be crowned with drainage ditches where required.
- E. Location of culverts and Major Cuts or Fills: Not applicable.
- F. Surfacing Material: All roads will be dirt surfaced.
- G. Gates, Cattleguards or Fence Cuts: Not applicable.
- H. All new or upgraded roads have been centerline staked.

3. LOCATION OF EXISTING WELLS: See attached Map B.

4. LOCATION OF EXISTING OR PROPOSED PRODUCTION FACILITIES:

- A. The only existing production facilities owned or controlled by Belco Petroleum Corporation within a one mile radius of this location are production units and tanks, (if applicable). These facilities are situated on the location pads of the existing wells. See attached Map B.
- B. Proposed Facilities:
  - 1. All production facilities will be located on the location pad.
  - 2. See Diagram A.
  - 3. See Diagram A.
  - 4. Guard rails will be installed around pumping units. Pits will be fenced and overhead flagged as necessary.
- C. Plan for rehabilitation of disturbed area: Stockpiled topsoil will be spread over any area not required for production operations of the well. At the time production operations cease, the entire area and road will be returned as near as possible to it's original conditon and reseeded in accordance with BIA specifications.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water for this operation will be obtained from the Green River.
- B. Water will be transported to the location by truck. Water hauler will be Liquid Transport. PSC # 1969.
- C. No water well is to be drilled on this lease at this time.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. All materials will be obtained from the access road and location.
- B. All lands involved are owned or controlled by the BIA.
- C. All materials will be obtained from the road and location, and will be used on the same.
- D. See Topo Map B.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. All cuttings, drilling fluids and produced fluids will be contained in the reserve pit.
- B. A chemical toilet will be available on the location.
- C. All trash and foreign wastes will be collected in a trash cage, and removed from the location at the completion of operations.
- D. The location will be properly cleaned at the end of drilling and at the end of completion of operations.

(2)

8. ANCILLARY FACILITIES: No camps or airstrips are planned.

9. WELLSITE LAYOUT:

A.B.C. See attached location layout.

D. Pits will be lined to conserve water and will be fenced on three sides at the onset of drilling operation. Pit will be fenced on the fourth side at the completion of operations.

10. PLAN FOR RESTORATION OF SURFACE:

- A. Area will be backfilled and contoured as near as possible to it's original condition. All waste materials will be removed, burned or buried.
- B. All rehabilitation and revegetation will take place in accordance with BIA requirments.
- C. At the time of rig release the pits will be completely fenced.
- D. Any oil on pits will be removed or overhead flagged for the protection of livestock and wildlife.
- E. Location will be cleaned as soon as operations cease. All dirt work will commence as soon as pit has dried sufficiently for backfilling. Reseeding will take place within one year of completion of operations.

11. OTHER INFORMATION:

- A. Topography, etc: The area surrounding this location is described as desert terrain, with small hills, gullies and washes and rock outcroppings. Area is sparsely vegetated with sagebrush and native grasses. Wildlife consists of small rodents, birds and reptiles.
- B. Livestock grazing and mineral exploration are the only surface use activities in the area. All lands involved with this location are owned or controlled by the BIA.
- C. There is no water in the immediate vicinity of this location. No occupied dwellings or known archeological or cultural sites are in the area of this location.

12. Belco Petroleum Corporation's representative for this operation will be Mr. John A. Maxfield, P. O. BOX X, Vernal, Utah 84078, telephone number 801-789-0790.

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Belco Development Corporation, It's contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved:

8/20/80

DATE

JCBell

J. C. Ball  
DISTRICT ENGINEER

JCB/ln

ATTACHMENTS

BUREAU OF INDIAN AFFAIRS  
ADDITIONAL PROVISIONS TO THE SURFACE USE AND OPERATING PLAN

WELL NAME: North Duck Creek #40-30GR

LOCATION: 2175' FWL & 1929' FNL, (SE NW) Section 30, T8S, R21E  
Uintah County, Utah

1. FIREARMS:

Employees of Belco Petroleum Corporation, it's contractors and sub-contractors have been instructed not to carry firearms on the Uintah and Ouray Indian Reservation.

2. OFF ROAD TRAFFIC:

Employees of Belco Petroleum Corporation, it's contractors and sub-contractors have been instructed to remain only on established roads and well sites.

3. FIREWOOD:

Employees of Belco Petroleum Corporation, it's contractors and sub-contractors have been notified of the requirements of the Bureau of Indian Affairs to obtain a wood permit from the Forestry Section before gathering any wood on the Uintah and Ouray Indian Reservation.

4. RESTORATION:

All topsoil will be stripped and stockpiled. When all drilling and production activities end or if abandonment is required, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Any drainages re-routed during the construction activities shall be restored as near as possible to their original line of flow. Restoration activities shall begin when the pit is sufficiently dry. Once activities have been completed, the location site and access road shall be reseeded with a seed mixture recommended by the Bureau of Indian Affairs when the moisture content of the soil is adequate for seed germination.

5. DISPOSAL OF PRODUCED WATER: No produced water is anticipated.

6. SIGNS:

A sign stating the following shall be placed on the access road to the location site:

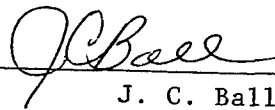
AUTHORIZED PERSONNEL ONLY  
BELCO PETROLEUM CORPORATION  
WELL SITE  
FIREARMS ARE PROHIBITED

THIS LAND IS OWNED BY THE UINTAH AND  
OURAY INDIAN RESERVATION  
PERMITS TO CUT FIREWOOD MUST BE OBTAINED  
FROM THE B.I.A. FORESTRY SECTION PRIOR  
TO CUTTING OR GATHERING ANY WOOD  
ALONG THIS ROAD

7. RIGHTS OF WAYS: Right-of-way and damages will be paid as per re-survey by Uintah Engineering and their affidavit of completion.
8. PERMITS FOR WATER OR EARTH FILL: Water will be obtained from The Green River.
9. WEED CONTROL:  
Belco Petroleum Corporation will initiate a Plan for controlling noxious weeds alongside the location and road in accordance with B.I.A. specifications.
10. LITTER:  
All litter will be contained in a trash cage and removed from the location at the end of drilling and completion activities. The area will be groomed and cleaned before removal of the cage.
11. BENCH MARKS:  
A Bench Mark will be established near the well site, set in concrete with a brass cap showing the well number and the elevation of the site.

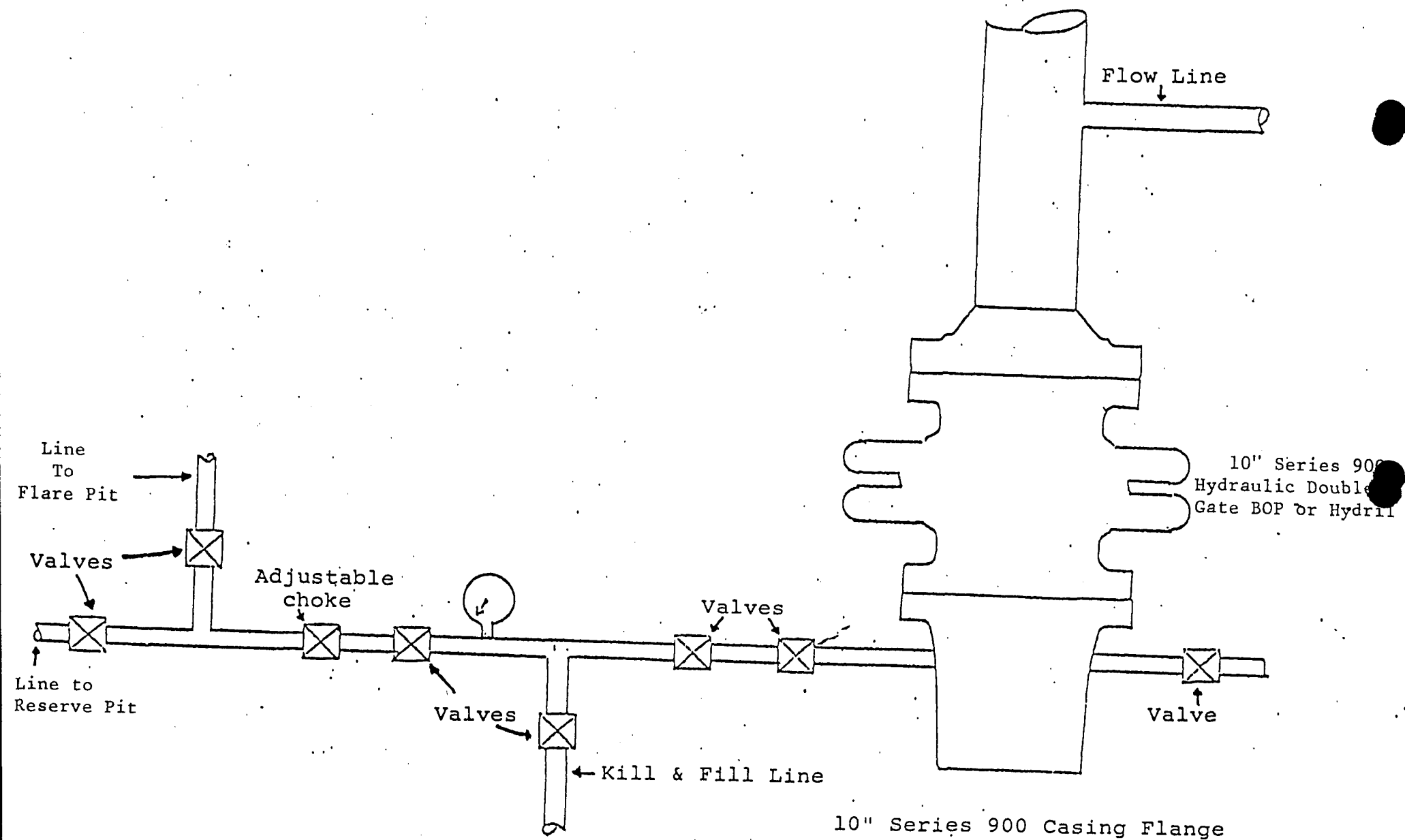
August 20, 1980

DATE



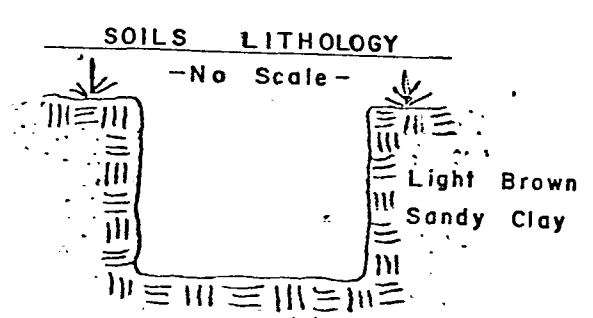
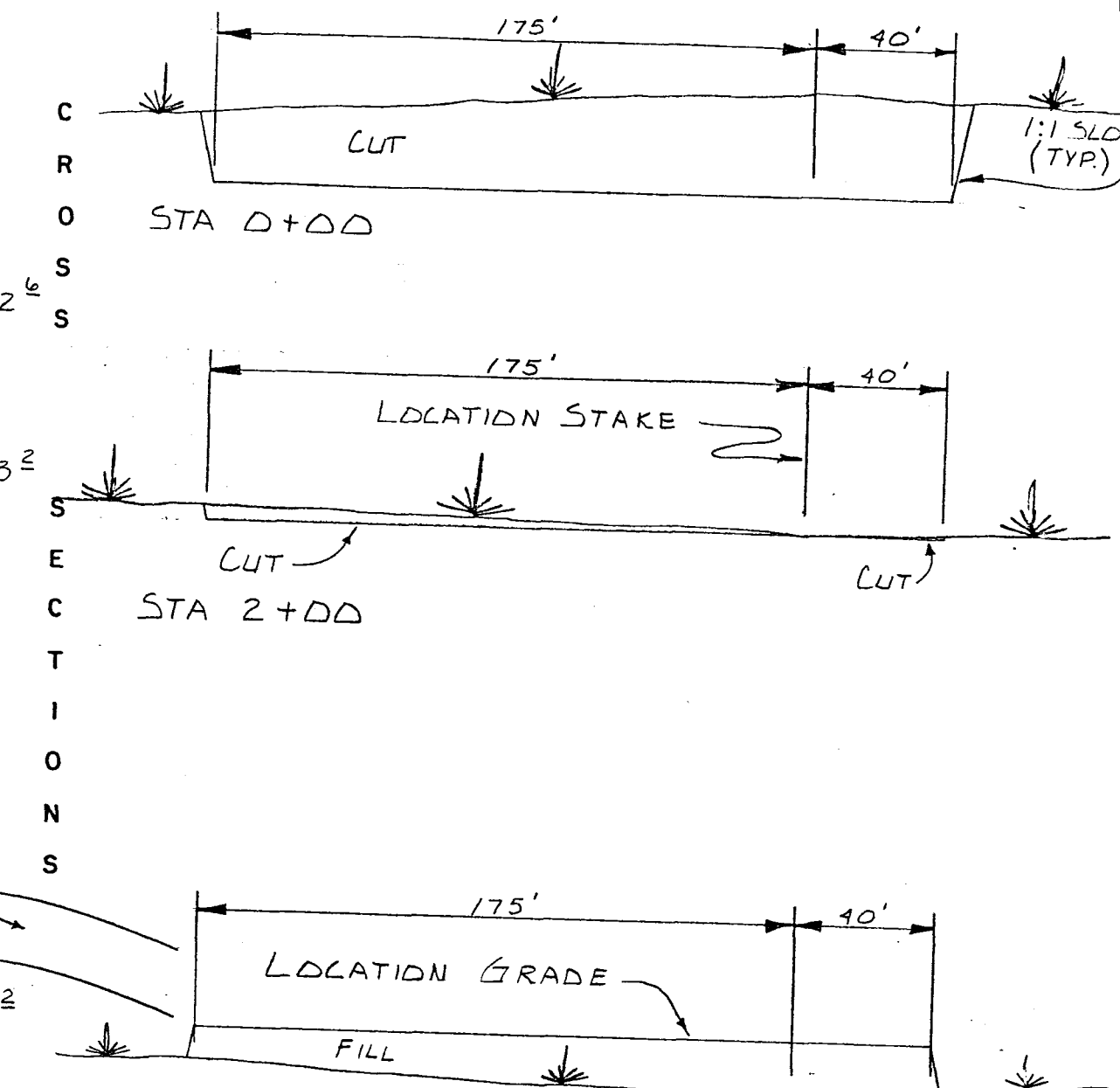
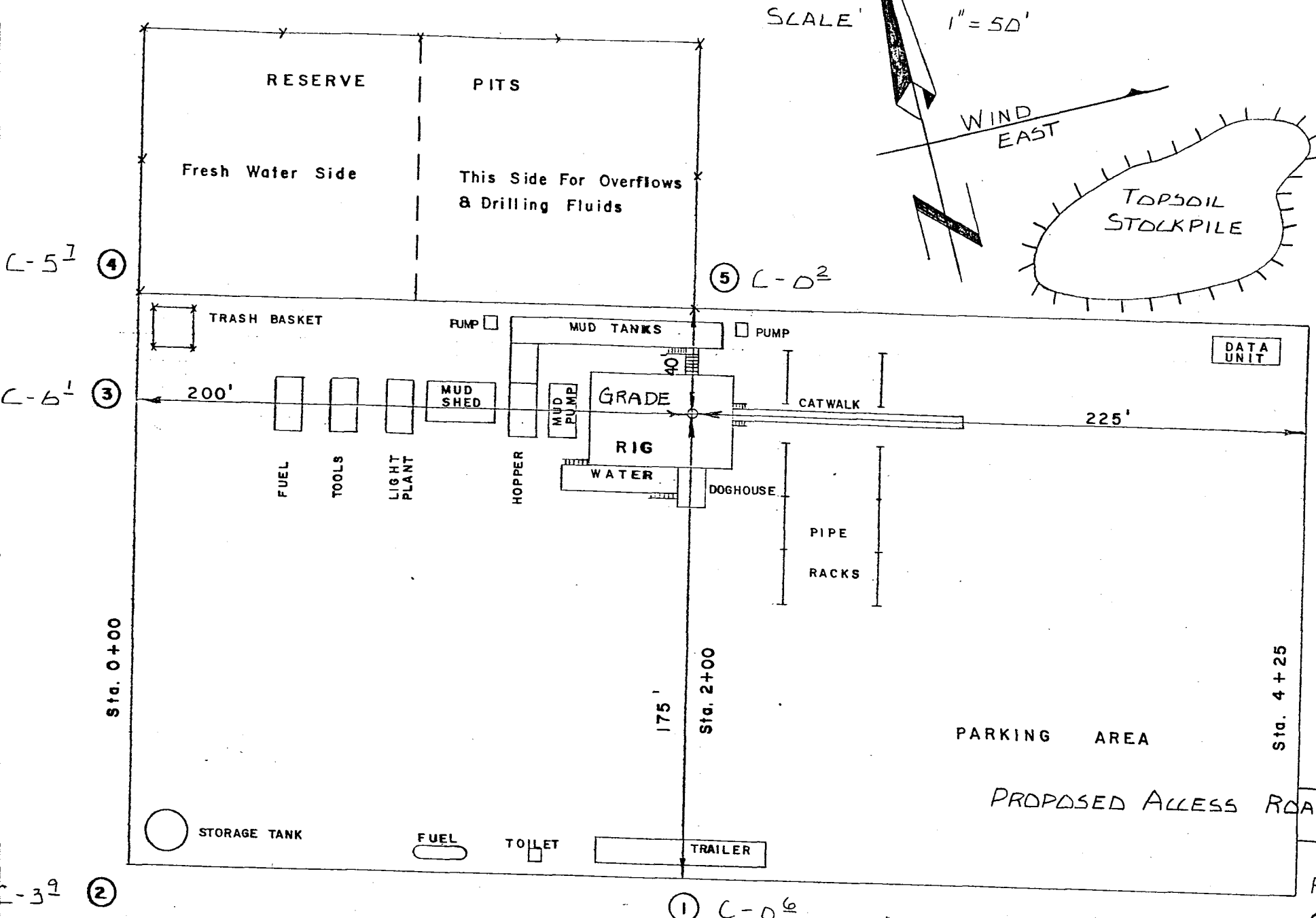
J. C. Ball  
District Engineer





# BELCO PETROLEUM CORP.

## NORTH DUCK CREEK #40-30 GR



1" = 50'

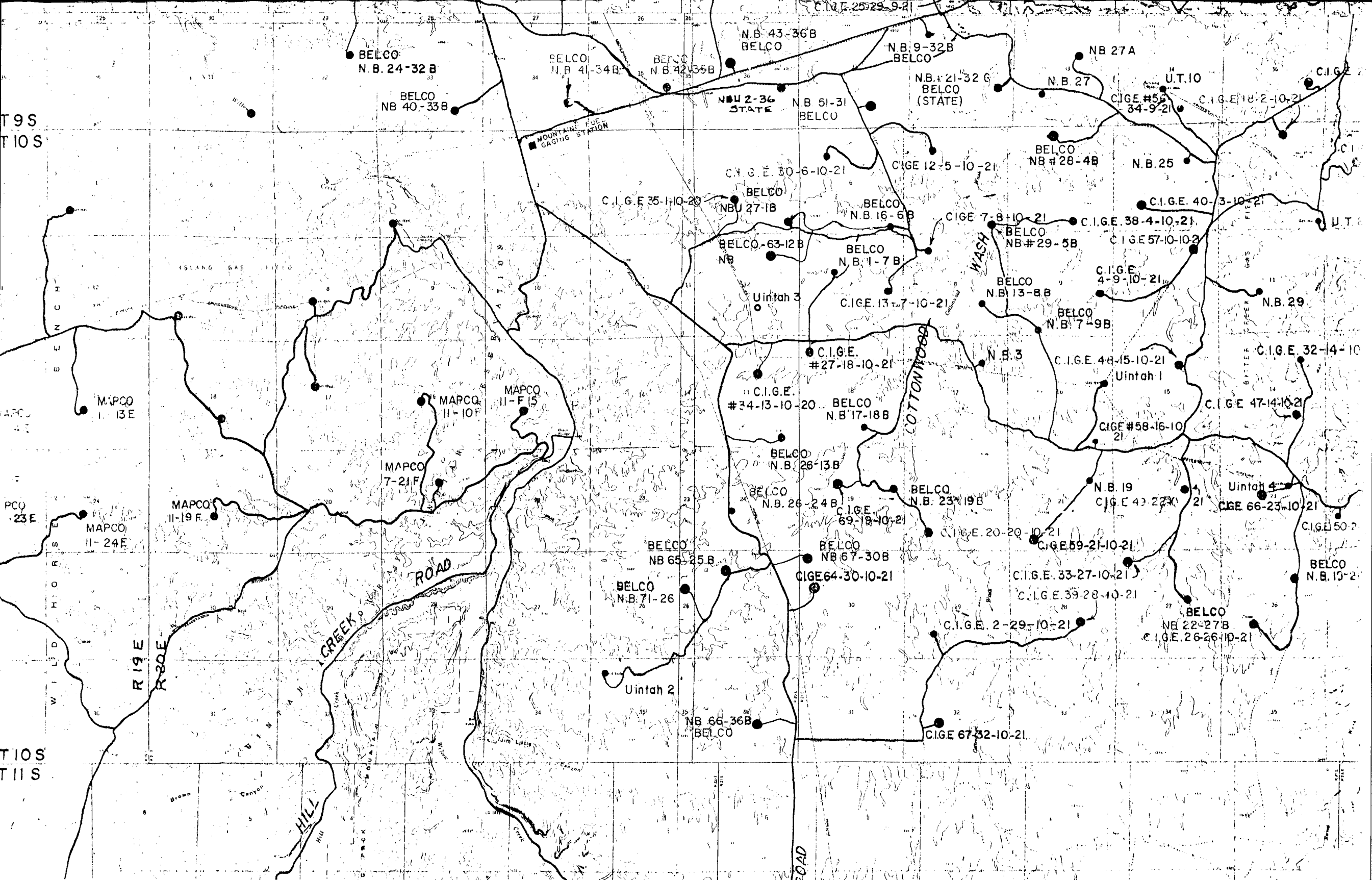
SCALES

APPROXIMATE YARDAGES

Cubic Yards Cut - 4712

Cubic Yards Fill - 2534





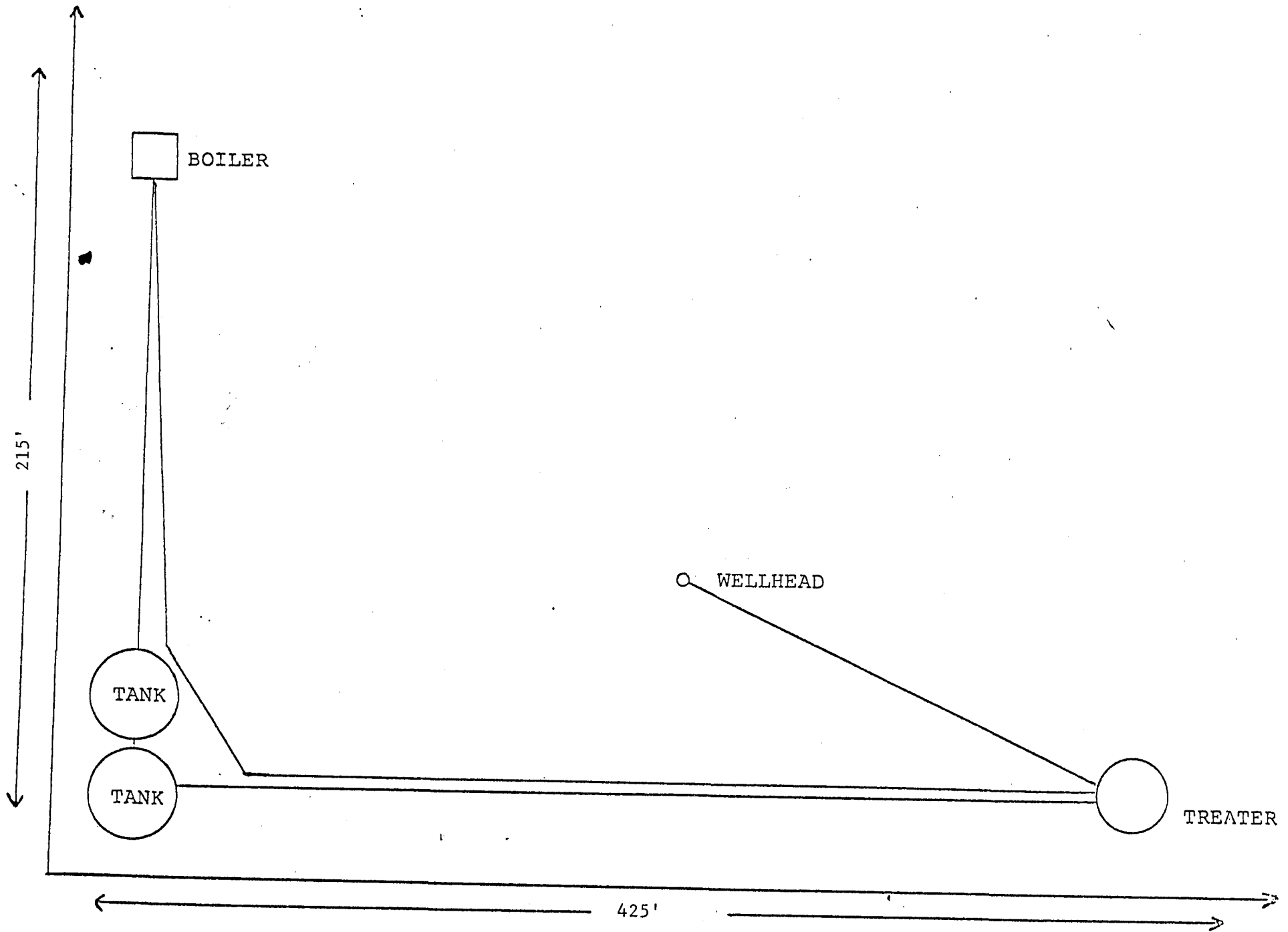


DIAGRAM "A"

PRODUCTION FACILITIES SCHEMATIC

Identification No. 655-80

June 1-27-80

United States Department of the Interior  
Geological Survey  
Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Belco Well 40-806R  
Project Type Oil Well Drilling  
Project Location 2175' FWL 1927' TML (SEMI) Section 20, T8S, R2E  
Date Project Submitted August 21, 1980

FIELD INSPECTION

Date August 22, 1980

Field Inspection  
Participants

Greg Darlington - USGS - Vernal  
Lynn Hall - BIA - Fort Duchesne  
Tim Pinnard - Ute Tribe - Fort Duchesne  
Jerry Ball - Belco Petroleum Corp.  
Ed Taylor - Belco Petroleum Corp.  
Steve Pileaus - Pease Brothers Construction  
Ron Rogers and Larry England - BLM - Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

September 2, 1980  
Date Prepared

Gregory W. Darlington  
Environmental Scientist

I concur

POOR COPY  
10/4/80  
Date

[Signature]  
District Supervisor

ENVIRONMENTAL  
DEPARTMENT

# CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

FOUR  
G  
IV

Criteria 5.6 DM 2.3.A	Federal/State Agency			Local and private corres- pondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							Onsite Review	8/22	
Unique charac- teristics									
Environmentally controversial									
Uncertain and unknown risks									
Establishes precedents									
Cumulatively significant									
National Register Historic places						AERC 8/20/30	Joe Pinnecose		
Endangered/ threatened species							Lynn Hall		
Violate Federal, State, local, tribal law							Onsite Review		

### Proposed Action:

Delex Petroleum Corporation proposes to drill an oil well at the location indicated in section 30, T8S, R21E. This will involve construction of an access road about .5 miles long from an existing maintained road. The new road would have about an 18 foot driving surface with a maximum disturbed area of 32 feet. An area of operations 215' wide by 425' long and a run-in pit 100' X 200' were filed for although it is anticipated that the location will be built somewhat smaller. The location is on a flat rocky area surrounded by small hills and interesting, relatively undisturbed rock formations. The B.C.A. stipulations letter refers to these as scenic geologic formations. An archaeological report was made August 20 and copies were brought to the onsite. About 3.7 acres of disturbed surface will be associated with this project.

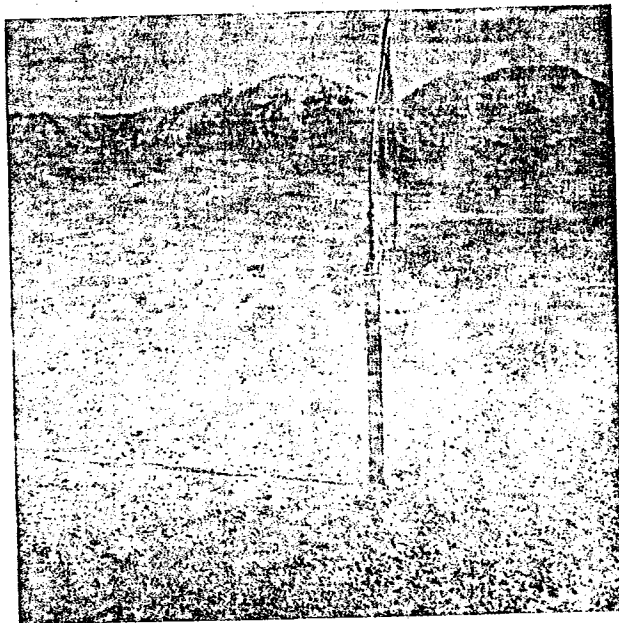
### Recommended Approval Conditions:

Drilling shall be allowed, provided the following stipulations are incorporated into the proposed APD and authorized by the regulator.

1. The general stipulations specified in letter to the District Engineer, USGS, Salt Lake City Office dated February 13, 1980 are to be BIA requirements for approval. (BIA stipulations list.)
2. BIA stipulation 1 pertains to the surface. The stipulation shall be followed (see BIA APD). 11/8
3. General stipulations include the stipulation with Bureau of Reclamation Executive Order 5321.
4. Any additional logs required by the Mining and Mineral Evaluation Reports should be furnished to the Mining Supervisor's office or to the District Geologist of Mineral Evaluation office.

POOR COPY





Belco 40-30GR North View  
Section 30, T8S, R21E

8/22

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USO 3110-4  
(3/71)

STIPULATIONS FOR LANDS IN OIL SHALE WITHDRAWAL,  
EXECUTIVE ORDER 5327 OF APRIL 15, 1930

The lessee under the above oil and gas lease hereby agrees that the following agreement and stipulations are by this reference incorporated as terms and conditions of said lease as to the following lands:

☒ All the lands in the lease.

☐

The lessee agrees that:

1. No wells will be drilled for oil or gas except upon approval of the Area Oil and Gas Supervisor of the Geological Survey, it being understood that drilling will be permitted only in the event that it is established to the satisfaction of the Supervisor that such drilling will not interfere with the mining and recovery of oil shale deposits or the extraction of shale oil by in situ methods or that the interest of the United States would best be served thereby.
2. No wells will be drilled for oil or gas at a location which, in the opinion of the Area Oil and Gas Supervisor of the Geological Survey, would result in undue waste of oil shale deposits or constitute a hazard to or unduly interfere with mining or other operations being conducted for the mining and recovery of oil shale deposits or the extraction of shale oil by in situ methods.
3. When it is determined by the Area Oil and Gas Supervisor of the Geological Survey that unitization is necessary for orderly oil and gas development and proper protection of oil shale deposits, no well shall be drilled for oil or gas except pursuant to an approved unit plan.
4. The drilling or the abandonment of any well on this lease shall be done in accordance with applicable oil and gas operating regulations including such requirements as the Area Oil and Gas Supervisor of the Geological Survey may prescribe as necessary to prevent the infiltration of oil, gas or water into formations containing oil shale deposits or into mines or workings being utilized in the extraction of such deposits.

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United States Department of the Interior  
BUREAU OF INDIAN AFFAIRS  
UINTAH AND OURAY AGENCY

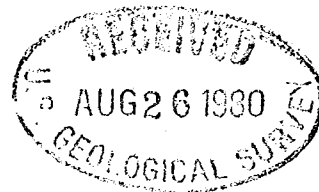
Fort Duchesne, Utah 84026  
722-2406 Ext. 202

IN REPLY REFER TO:

Land Operations, SMC

August 25, 1980

Mr. Craig Hansen  
U.S. Geological Survey  
Oil and Gas Division  
P. O. Box 1037  
Vernal, Utah 84078



Dear Mr. Hansen:

Enclosed are the Environmental Analysis and Negative Declaration for Belco Well #40-30GR located in the SENW, Sec. 30, T8S., R21E., S13SM.

The general stipulations specified in letter of February 13, 1980 to Mr. Ed Gwynn, USCS, Salt Lake Office, are to become requirements for the operator.

As there are some scenic geologic formation nearby Belco Petroleum is requested to safe-guard these from damage by their employees, contractors and sub contractors.

The Operators Surface Use and Operating Plan is adequate with the addition and modifications discussed at the on-site inspection as recorded in the USCS Environmental Assessment.

Sincerely yours,

  
Henry J. Smith  
Assistant Superintendent

Enclosure



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NEGATIVE DECLARATION

APPROVAL BY SECRETARY OF THE INTERIOR OF Application for permit to drill  
an oil well ~~XX~~

TO Belco Petroleum Corporation, ~~XXXXXXXXXXXX~~ COVERING THE FOLLOWING  
DESCRIBED TRUST INDIAN LANDS IN Duchesne COUNTY, STATE OF UTAH.

LEGAL DESCRIPTION:

The proposed well site is located 2175 feet from the west line and 1929 feet from the north line (SE1/4) Section 30, T8S., R21E., S10E.

The access road leaves an existing road in the NE1/4, Section 30, T8S., R21E., S10E. then proceeds in a westerly direction to the well site.

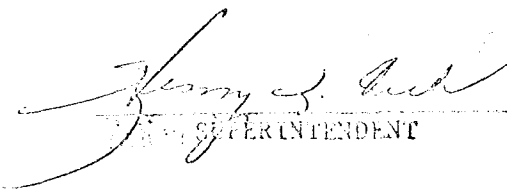
OWNERSHIP

☒ Surface Ute Tribe

☒ Sub-Surface Non-Indian

IT HAS BEEN DETERMINED AFTER REVIEW OF THE ACCOMPANYING ENVIRONMENTAL ANALYSIS, THAT THE APPROVAL OF THIS Application IS NOT SUCH A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE QUALITY OF THE HUMAN ENVIRONMENT AS TO REQUIRE THE PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT UNDER SECTION 102 (2) (c) OF THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969 (42 U.S.C. § 4332 (2) (c)).

\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
SUPERINTENDENT

FY: 190-83

LEASE NO. U-24230  
WELL NO. Belco #40-30GR

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# UINTAH AND OURAY AGENCY ENVIRONMENTAL IMPACT ANALYSIS

1. PROPOSED ACTION: Belco Petroleum Corp. proposes to drill an Oil well (#40-30GR) to, a proposed depth of 5902 feet; to construct approximately 0.5 (~~800~~, miles) of new access road; and upgrade approximately None (feet, miles) of existing access road.
2. LOCATION AND NATURAL SETTING: The proposed wellsite is located approximately 5.3 miles northeast of Ouray, Utah in the SENE Sec. 30 T. 8S, R. 21E, SLB&M meridian. This area is used for Scenic geologic formations, grazing, and wildlife. The topography is gently slopping alluvial fan near low eroded hills. The vegetation consist of scattered halogeton matt salt bush and leabs quarter - very sparse vegetative cover. Wildlife habitat for: X Deer X Antelope 0 Elk 0 Bear X Small Mammals X Birds 0 Endangered species 0 Other Coyotes, rabbits, small rodents, small reptiles, raptors.
3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION: (1) approximately 5 acres will be used for the well site and access road. (2) The scenic and aesthetic qualities of this area will be adversely effected. (3) Some air pollution will result from exhaust emissions and from dust caused by vehicles using access roads (4) Some disturbance of wildlife and livestock may occur.
4. ALTERNATIVES TO THE PROPOSED ACTION: (1) Not drill the well (2) move well site. (3) Drill well as proposed.
5. ADVERSE EFFECTS THAT CANNOT BE AVOIDED: None of the adverse effects listed in item #3 above can be avoided. The operator agrees to follow his Surface Use and Operating Plan which provides for minimal environmental and restoration of disturbed areas. The operator agrees to comply with Ute Tribe, BIA, and USGS regulations governing oil and gas development and production.
6. DETERMINATION: This request action (~~DOES~~) (does not) constitute a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. s 4332 (2)(c)).

REPRESENTATIVE:

REPRESENTATIVE:  
Craig Darlington - USGS - Vernal  
Jerry Ball - Belco Petroleum Corp.  
Ed Taylor - Boone Brothers Co.

Steve Richens - Pease Brothers Constr.  
Joe Pinneopose - Ute Tribe

COPY TO:

USGS, P.O. BOX 1037, Vernal, Utah 84078

[illegible]

Lease #. 0-24230

Well #. 26105 140-30GR

POOR COPY

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, OSG, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO.

11-24230

OPERATOR:

Belen Petroleum Corp.

WELL NO.

40-306-R

LOCATION:

NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  sec. 30, T. 8S, R. 21E, SLM

Uintah County, Utah

1. Stratigraphy: tops appear reasonable

Surface - Uinta

2472' - Green River

3200' - Mahogany bed

~ 5900 - T.D.

2. Fresh Water:

probable throughout the Uinta Fm.

usable/saline possible in the Green River Fm.

3. Leasable Minerals:

- prospectively valuable for solid/semi solid bitum.

- Prospectively valuable for oil shale in the  
Parashute Creek member of Green River Fm.  
Oil shale rich Mahogany bed should be 3200 feet  
deep and 120 feet thick base.

4. Additional Logs Needed:

Run logging suite throughout the Green River Fm.

**POOR COPY**

5. Potential Geologic Hazards:

none anticipated

6. References and Remarks:

Cushman '69 &amp; '76

Signature:

Joseph J. Incardine

Date:

9-5-80

**\*\* FILE NOTATIONS \*\***

DATE: Aug 22, 1980

OPERATOR: Balsa Petroleum Corp.

WELL NO: # 40-30 AR

Location: Sec. 30 T. 8S R. 21E County: Uintah

File Prepared: ☐

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-047-30 786

**CHECKED BY:**

Petroleum Engineer: M. G. Mundy 9-19-80

Call for unsuitability location (called J. Ball 9-19-80). Verbal  
Approval granted (9-19-80) pending receipt of written request.  
confirming phone details discussed on phone conversation.

Director: \_\_\_\_\_

Administrative Aide: does not comply with spacing order  
Too close to 1/4 1/4

**APPROVAL LETTER:**

Bond Required: ☐

Survey Plat Required: ☐

Order No. 173-2 4/25/79

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation 2d

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

#2

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Belco Petroleum Corporation

WELL NAME: North Duck Creek #40-30GR

SECTION 30 SE NW TOWNSHIP 8S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR Chandler & Associates

RIG # 1

SPUDDED: DATE 9/17/80

TIME 8:30 a.m.

HOW dry hole spudder

DRILLING WILL COMMENCE 9/20/80

REPORTED BY Lonnie Nelson

TELEPHONE # 789-0790

DATE 9/19/80

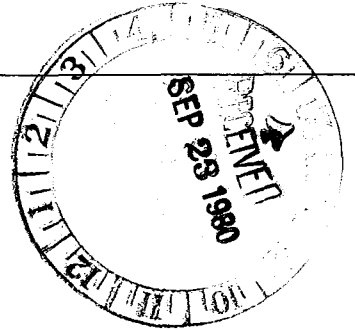
SIGNED *M. J. M.*

cc: USGS



**Belco Petroleum Corporation**

**Belco**



September 22, 1980


Mr. Mike Minder  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
Salt Lake City, Utah 84116

Re: Unorthodox Location  
North Duck Creek 40-30GR  
Section 30, T8S, R21E  
Uintah County, Utah

Dear Sir;

This is to confirm our telephone conversation of September 19, 1980, that the verbal clearance to drill our North Duck Creek 40-30GR on an unorthodox location was granted. The location is 2175' FWL & 1929' FNL of Section 30, T8S, R21E, in Uintah County, Utah. The location is not a normal location, because of topography problems encountered in building the drilling location. Belco has the Oil and Gas lease rights within 660' of the above described location. Attached is a copy of a topographic map of the area.

Very truly yours,  
BELCO PETROLEUM CORPORATION

  
J. C. Ball  
District Engineer

JCB/ln

Attachment

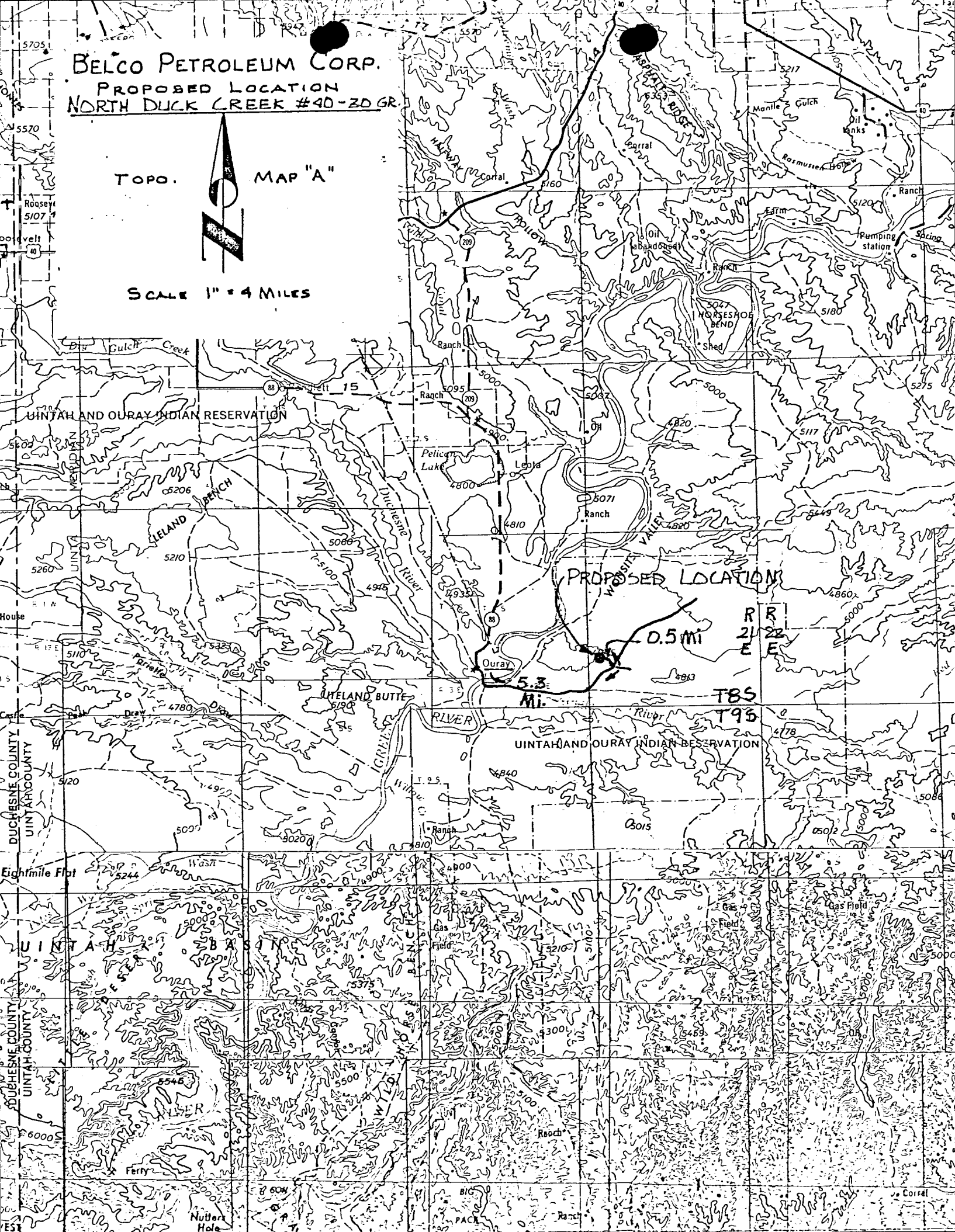
xc: file

BELCO PETROLEUM CORP.  
PROPOSED LOCATION  
NORTH DUCK CREEK #40-ZD GR.

TOPO.

MAP "A"

SCALE 1" = 4 MILES



September 23, 1980

Belco Petroleum Corporation  
P.O. Box X  
Vernal, Utah 84078

Re: Well No. North Duck Creek #40-30GR  
Sec. 30, T. 8S, R. 21E.,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-~~44~~, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30780.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

/btm  
cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐  
well well other

2. NAME OF OPERATOR

BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 2175' FWL & 1929' FNL SE $\frac{1}{4}$ NW $\frac{1}{4}$  AT SURFACE:

AT TOP PROD. INTERVAL: N/A

AT TOTAL DEPTH: N/A

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

☐

FRACTURE TREAT ☐

☐

SHOOT OR ACIDIZE ☐

☐

REPAIR WELL ☐

☐

PULL OR ALTER CASING ☐

☐

MULTIPLE COMPLETE ☐

☐

CHANGE ZONES ☐

☐

ABANDON\* ☐

☐

(other) Notice of Spud

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded 12 $\frac{1}{4}$ " hole @ 8:30 a.m. 9-17-80 w/Leon Ross Drlg., drld to 210', ran 5 jts 9 5/8" New K-55, 36# csg to 188'. Cemented w/200 sx class "B" cement, released rig 9-18-80.

Chandler & Assoc. #1 will MIRT 9-20-80.

Notice of Spud called in to Teresa w/USGS in SLC 9-19-80 a.m.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineering Clerk DATE 9-19-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

U-24230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE TRIBE - SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NORTH DUCK CREEK

9. WELL NO.

40-300R

10. FIELD OR WILDCAT NAME

NDC-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 30, T8S, R21E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4707 Prep G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-24230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SURFACE - UTE TRIBE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NORTH DUCK CREEK

9. WELL NO.

40-30GR

10. FIELD AND POOL, OR WILDCAT

No. DC-Green River

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 30, T8S, R21E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2175' FWL & 1929' FNL SE/NW

14. PERMIT NO.

43-047-30780

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4707' Natural G.L.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) STATUS

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was spudded w/air driller 9-17-80 and drilled to 210' w/air.  
Rotary Rig, Chandler & Assoc. Rig #1 drilled an 8 3/4" hole from  
210' to 5698' TD. TD reached 10-2-80.

STATUS 10-31-80 - WAITING ON COMPLETION UNIT.

RECEIVED

NOV 8 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Lonnie Nelson

TITLE Engineering Clerk

DATE 11-1-80

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NDC 40-30 cont

5218'

5337'

6' above shoe 5692'

Mud cost \$17,500  
AFE (csg pt) \$200,000  
Cost (csg pt) \$160,606  
CUM cost \$227,580

DC 11-16GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
5215' Green River  
Jacobs #2  
Belco WI 100%

204' GL (0') 1. Drilling out surface @ 7:00 a.m.  
AFE (csg pt) \$179,000  
CUM cost \$31,564

CWU 42-13 (DW-GAS)  
Chapita Wells Unit  
Uintah County, Utah  
6272' Wasatch  
Chandler & Assoc #1  
Belco WI 100%

200' (0') 1. MIRT.  
AFE (csg pt) \$214,000  
CUM cost \$30,000

WAITING ON COMPLETION

- ✓ Natural Duck 6-15
- ✓ Natural Duck 9-15
- ✓ Duck Creek 18-16

COMPLETIONS

CWU 52-33 (DW-GAS)  
Chapita Wells Unit  
Uintah County, Utah  
7945' PBTD (Mesaverde)  
NL Well Service  
Belco WI 100%

SI. Report #12.  
Sun Oil Tool ran BH press test gradient on trip out; BH press after 24 hrs 2994 psi @ 174°. Inc approx 124 psi/hr w/no peak observed. Gradient indicates fluid level @ approx 6060'. Tubing press @ 4:30 p.m. 10/2/80, 2112 psi. This a.m.: TP-2500, CP-0.  
AFE (comp) \$539,000  
CUM cost \$504,467

NBU 34-Y (DW-OIL)  
Natural Buttes Field  
Uintah County, Utah  
5080' PBTD (Green River)  
Utah Well Service  
Belco WI 100%

Swab Testing. Report #6.  
Made 7 swab runs for 3½ bbls, initial fluid level @ 4000'. Pulled 2½ bbls on last 3 runs, 75% wtr 22500, 25% crude @ API gravity 37 @ 120°. This a.m.: Pulled ½ bbls from seat nipple, 85% water @ 25,000 ch, 15% crude, gravity 35 @ 140°. AFE (comp) \$299,000  
CUM cost \$85,184

BELCO PETROLEUM CORPORATION  
DAILY DRILLING REPORT  
Friday, October 3, 1980

RECEIVED

NOV 7 1980

VERNAL DISTRICT

DEVELOPMENT WELLS

DIVISION OF  
OIL, GAS & MINING

NDC 40-30GR (DW-OIL)  
North Duck Creek  
Uintah County, Utah  
5698' Green River  
Chandler & Assoc #1  
Belco WI 100%

5698' (0') 14. Clean Loc & Mud Tanks, Green River. Schlumberger ran CND-GR w/Caliper, Dual Laterlog, Micro-SFL, Cyber Look & took side wall cores, 3½ hr. TIH, 3¼ hrs, circ & cond mud 1000 u BH gas, 3 hr, POH. LD DC & DP, 5½ hrs. Run 143 jts 5½", 17# LT&C new NKK csg 4 3/4 hrs. Circ csg 1¼ hrs. HOWCO cemented (single stage) w/10 bbls NaCl wtr followed by 615 sx 50-50 poz mix, 4% gel, & 10% NaCl & 455 sx 50-50 poz mix 2% gel, 10% NaCl. Displaced w/132 bbls fresh water. Bumped plug 2000/1400 @ 4:30 a.m. 10/3/80. Float held, good returns throughout job, 1¼ hrs. Nipple down BOP's, set slips w/35000# 2½ hrs. Cut off csg, clean csg & location, 2 hours.

Drillers TD 5697' SLM 5698' Schlumberger 5701'  
CASING DETAIL:

HOWCO Guide Shoe	1.00
1 5½" Shoe Joint	39.71
HOWCO Float Collar	2.70
41 Jts 5½" csg	1628.19
Pup Joint	10.02
101 Jts 5½" csg	4011.34
<u>Landing Joint</u>	<u>10.05</u>
TOTAL	5703.01
Less above KB	<u>05.01</u>
Casing Landed @	5698.00'
PBTD	5655.00'
PUP	4016.00'

FORMATION TOPS:

Uintah	
Green River	2466'
H	4156
J	4875'
J-2	4934'
J-3	4971'
"G" Sand	5256'
M	5376'

<u>Productive Zones</u>	<u>Gross/Net</u>	<u>SW%</u>	<u>Gas</u>
4934-4960'	26/24	61%	500/250
4971-4991'	20/10	78%	200/200
5256-5280'	24/6	31%	375/250

40 Scratchers

4900-5019  
5258-5297

8 Centralizers

2507'  
3302  
4106  
4860  
5059

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

6

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-24230			
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME SURFACE*UTE TRIBE			
2. NAME OF OPERATOR BELCO PETROLEUM CORPORATION				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. BOX X, VERNAL, UTAH 84078				8. FARM OR LEASE NAME NORTH DUCK CREEK			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2175' FWL & 1929' FNL SE/NW At top prod. interval reported below SAME At total depth SAME				9. WELL NO. 40-30GR			
14. PERMIT NO. 43-047-30780 DATE ISSUED 9-23-80				10. FIELD AND POOL, OR WILDCAT NORTH DC*GREEN RIVER			
15. DATE SPUDDED 9-17-80 16. DATE T.D. REACHED 10-2-80 17. DATE COMPL. (Ready to prod.) 11-24-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4707' Nat G.L. 19. ELEV. CASINGHEAD 4709'				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SECTION 30, T8S, R21E			
20. TOTAL DEPTH, MD & TVD 5698 SLM 21. PLUG, BACK T.D., MD & TVD 5655' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5262-66' 12 holes Green River				12. COUNTY OR PARISH UTAH 13. STATE UTAH			
26. TYPE ELECTRIC AND OTHER LOGS RUN (DLL, CND, GR w/Caliper.)				25. WAS DIRECTIONAL SURVEY MADE NO			
27. WAS WELL CORED NO							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
9 5/8		36#	188'	12 1/4"	200 sx "B"	None	
5 1/2		17#	5698	8 3/4	1070 sx 50-50 Pozmix	none	
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5131.96'	5114'
31. PERFORATION RECORD (Interval, size and number) 5262-66' 12 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED
				5262-66'			2200 gal 7 1/2% MCA
							2200# sd
33.* PRODUCTION							
DATE FIRST PRODUCTION 11-24-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) SWABBING				WELL STATUS (Producing or shut-in) Testing OS cannot blow for measurement	
DATE OF TEST 11-25-80	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 27	GAS—MCF. TSTM	WATER—BBL. TSTM	GAS-OIL RATIO 38.4 @ 60°
FLOW. TUBING PRESS. -0-	CASING PRESSURE PKR	CALCULATED 24-HOUR RATE →	OIL—BBL. 27	GAS—MCF. TSTM	WATER—BBL. TSTM	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Rick Schatz	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED J. C. Ball		TITLE District Engineer				DATE 12-4-80	

\*(See Instructions and Spaces for Additional Data on Reverse Side)



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS.		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			<div>RECEIVED DEC 3 1964 DIVISION OF OIL, GAS &amp; MINING</div>	Uinta Green River	Surface 2466'	

NDC 40-30GR cont  
5655' PBTD (Green River)  
Utah Rental Tool  
Belco WI 100%

each run. FL @ end of tour 5200' SN. GR 34.7  
@ 60°, 1% BS&W. SDFN.  
AFE (comp) \$470,000  
CUM cost \$323,052

#### WORKOVERS

CWU 39-16 (DW-GAS)  
Chapita Wells Unit  
Uintah County, Utah  
6583' PBTD (Wasatch)  
MR Well Service  
Belco WI 45.57%

Drill out cement. Report #13.  
Release 4½" RTTS HOWCO packer, TOH w/packer @  
2 3/8" tbg, TIH w/1500' 2 3/8", WOC. SDFN.  
AFE (comp) \$49,000  
CUM cost \$39,704

GLOBE MONADA GOV'T #4  
Gusher Field  
Uintah County, Utah  
5236' PBTD (Uintah)  
Utah Well Service  
Belco WI 100%

Swabbing. Report #4.  
Swab ¼ bbl water w/tr oil. TOH w/tbg. TIH w/  
tbg, and baker model "G" pkr. Set @ 5093' w/  
12,000# tension. Btm tbg @ 5160'. Pump 750 gals  
7½% HCl acid w/2 gals HAI 55, 18# FE2, 35 gals  
parasperse, 2 gals 3-N, 1 gal AS5 & 1 gal Pen-5.  
Flush w/30 bbls 3% KCL wtr. Pump rate: Max 4 BPM,  
avg 2½, min 1. Pressure: Max 1800 psi, avg 1400  
psi, min 1000 psi. SD 15 mins, swab back acid  
water & tr crude.  
BLR 58 BLR 0  
This a.m.: Swab 13 BW tr crude.  
CUM cost \$12,559

WRU 19-9 (DW-OIL)  
White River Unit  
Uintah County, Utah  
5692' PBTD (Green River)  
NL Well Service  
Belco WI 69%

Well pumping. Report #3.  
TIH w/new pump torque all rods, seat pump. Press  
test w/Hot Oil truck, OK. Start well pumping  
@ 12:00 noon.  
ROD DETAIL:

125	3/4" Rods
56	7/8" Rods
41	1" Rods
	1" Pups 2-4' 1-6'

Pump Installed: F-39 2½ x 2 x 20 BHD  
Pump Taken Out: F-30 2½ x 2 x 12 x 16 BHD  
CUM cost \$5683  
Daily Cost \$2750

NB 14-30B (DW-GAS)  
Natural Buttes Field  
Uintah County, Utah  
6650' PBTD (Wasatch)  
NL Well Service  
Belco WI 100%

RU pump & circ well. Report #1.  
Move rig on to locaton, RU & install BOP.  
AFE (comp) \$180,000  
CUM cost \$750

#### OUTSIDE OPERATED

LOVE UNIT A1-18  
Cotton Petroleum Corp  
Belco WI 33.33%

12-11-80  
0 MCF. Unable to get equipment running, will get  
repaired and back on line today.

LCO PETROLEUM CORPORATION  
DAILY DRILLING REPORT  
Friday, December 12, 1980

VERNAL DISTRICT

DEVELOPMENT WELLS

DC 24-17GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
TD 5067' Green River  
Jacobs Rig #2  
Belco WI 100%

5050' (180") 11. Drilling, Green River.  
Drl'd 180' in 24 hrs.  
Bit #2, 8 3/4", F-4, 3 16/32, 3900' in 194 hrs.  
PP-800 WT-40 RPM-70  
Mud prop: MW-10.2 VIS-31 WL-8.0 Chl-110,000  
BG-15 CG-25

Drlg Brks:

4831-4837' (6') 5.5-2.5-6.0 150/50  
SS 100% Gld Flo, Gd Gld St Ct.

AFE (csg pt) \$181,000

CUM cost \$118,171

CWU 49-25 (DW-GAS)  
Chapita Wells Unit  
Uintah County, Utah  
TD 7477' Wasatch  
Chandler & Assoc #1  
Belco WI 100%

1911' (466') 4. Drilling, Green River.  
Drl'd 466' in 23 1/2 hrs, dev @ 1881', 1°.  
Bit #1, 8 3/4", F-4, 3 14/32, made 1739' in 63 3/4 h  
PP-900 WT-20 RPM-63  
Mud prop: Water  
AFE (csg pt) \$334,000  
CUM cost \$71,724

WAITING ON COMPLETION

Duck Creek 8-16GR  
Duck Creek 17-16GR  
Duck Creek 20-9GR  
White River 42-34  
Chapita Wells 42-13

IL GAS & MINING

COMPLETIONS

DC 11-16GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
4979' PBDT (Green River)  
Utah Well Service  
Belco WI 100%

Running rods. Report #23.  
POH, TIH w/production string, land on solid donut  
(4957') w/12,000# tension. TIH w/pump, stinger,  
screen & 250' of 1" rods. Open tbg & csg to  
400 bbl tank, SDFN.

TUBING DETAIL:

Mud Anchor	31.60
Perf Sub	6.00
Seat Nipple	.80
4 Jts 2 7/8"	126.68
Baker Anchor	3.00
151 Jts 2 7/8"	4780.68'
KB	8.00
TOTAL	4956.76'

AFE (comp) \$331,137

CUM cost \$489,000

8-21-30

DC 40-30GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah

Swabbing Well. REport #18.  
Made 8 runs in 8 hrs, swabbed 4 bbls crude oil,  
TP- 0, CP-pkrFL @ 4800', well wouldn't flow after

BELCO PETROLEUM CORPORATION  
DAILY DRILLING REPORT  
Friday, November 14, 1980

VERNAL DISTRICT

DEVELOPMENT WELLS

DIVISION OF  
OIL, GAS & MINING

✓ WRU 42-34 (DW-GAS)  
White River Unit  
Uintah County, Utah  
TD 7254' Wasatch  
Chandler and Assoc #1  
Belco WI 100%

2190' (490') 3. Drilling, Green River.  
DRld 490' in 20 3/4 hrs. Dev @ 1704' 3/4".  
Trip for bit #2, 2 3/4 hrs.  
Bit #1, 8 3/4", F13G, 3 12/32, made 1502' in 27 3/4  
hrs. 6 - 6 - 1  
Bit #2, 8 3/4", F-62, 3 14/32, 486' in 20 3/4 hrs.  
PP-900 WT-40 RPM-62  
Mud prop: Water  
AFE (csg pt) \$340,000  
CUM cost \$49,425

✓ DC 17-26GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
TD 5038' Green River  
Jacobs Rig #2  
Belco WI 100%

193' (0') MIRT, Uintah.  
Trucks late due to weather.  
AFE (csg pt) \$179,000  
CUM cost \$21,992

✓ DC 9-16GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
5320' Green River  
Jacobs Rig #2  
Belco WI 100%

AllWestern Drilling Co ran 198' of new NKK ST&C  
36# 9 5/8" csg and cemented w/Dowell w/200 sx  
class "G" cement w/2% CaCl. Bumped plug w/  
550/300 @ 2:00 p.m., 11-13-80.  
CASING DETAIL:

Float Shoe	1.96
Shoe Joint	39.60
Baffle Plate	- -
4 Jts 9 5/8" csg	156.79
Less above GL	1.75
Casing landed @	196.60
PBTD	155.00

CUM cost \$26,700

WAITING ON COMPLETION

STGU 19-33

DCU 20-16.

CWU 42-13

COMPLETIONS

Testing after Breakdown. Report #5.  
TP-0, CP-0, made swab run, pulled 2 gals of D&C.  
RU HOWCO and breakdown.  
Total fluid used 65 bbls. Start @ 9:30 a.m.,  
finish @ 9:45 a.m. Fr broke @ 3400# @ 6.2 BPM.  
Perfs @ 5262-66' (16H). Max press 4500#, min  
3400#, avg 4200#. Max BPM 8, min 6.2, avg 8.  
ISIP 1650#, 5 mins 1500#, 10 mins 1450#, 20, 1350#.

✓ DC 40-30GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
5655' PBTD (Green River)  
NL Well Service  
Belco WI 100%

5262' #30

5  
~~NDC 40-30GR~~ cont

HP used 662. HOWCO cost \$2080.  
Open tbg to pit after 20 mins SI. Flowed back  
2½ bbls. Swab report: Made 9 runs in 7 hrs.  
Recovered 44½ bbls of D&C. Pulled from SN 7th  
run, rec 1½ bbls w/light gas cut. Made run  
@ 3:30 p.m., pulled 2½ bbls D&C, no crude.  
Made run @ 5:00 p.m., pulled 1½ bbls D&C, no crude.  
BLR 96 BLTR 97 Left tbg open to 400 bbl tank  
overnight, no fluid. This a.m., TP-0, CP-0,  
FL @ 3400', pulled 9 bbls of D&C.  
AFE (comp) \$477,000  
CUM cost \$251,137

✓ DC 11-16GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
5003' PBTD (Green River)  
Utah Rental Tool  
Belco WI 100%

POH. Report #2  
Unload, tally & pick up tbg. TIH w/4 7/8" bit  
and 5½" csg scraper to PBTD @ 5003' KB. Displace  
hole w/110 bbls D&C. BLTR 110 BLR 0  
AFE (comp) \$489,000  
CUM cost \$206,704

✓ ND 6-15GR (DW-OIL)  
Natural Duck Field  
Uintah County, Utah

Production. Report #14  
Cost correction.  
AFE (comp) \$451,000  
CUM cost \$355,438

✓ NBU 34-Y (DW-OIL)  
Natural Buttes Field  
Uintah County, Utah  
4800' PBTD (Green River)  
M&R Well Service  
Belco WI 100%

Hang well on.  
Killed well w/D&C. TIH w/pump and rods, seated  
pump and SI with 1½ polish rod & stuffing box.  
ROD DETAIL:

10	7/8" Rods
110	3/4" Rods
56	7/8" Rods
1	7/8" x 4' Poney
	1½ x 22' Polish Rod

Pump Installed: NS 901 2 x 1½ x 16 x 5  
AFE (comp) \$299,000  
CUM cost \$247,505

#### OUTSIDE OPERATED

✓ LOVE UNIT A1-18 (DW-GAS)  
Natural Buttes Field  
Uintah County, Utah  
6400' Mesaverde  
Cotton Petroleum  
Belco WI 33.33%

11-12-80  
SIP from 12:00 a.m. to 7:00 a.m., 25#, H<sub>2</sub>O level  
was at surface, swab 8 hrs, rec 30 BW, 2700 BW  
left to recover.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR  
Belco Petroleum Corporation

3. ADDRESS OF OPERATOR  
P. O. Box X Vernal, Utah

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2175' FWL & 1929' FNL SE $\frac{1}{4}$ NW $\frac{1}{4}$   
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
U-24230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe Surface

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
North Duck Creek

9. WELL NO.  
40-30GR

10. FIELD OR WILDCAT NAME  
North Duck Creek GR

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 30, T8S, R21E

12. COUNTY OR PARISH  
Uintah Co.

13. STATE  
Utah

14. API NO.  
43-047-30780

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4707' GL

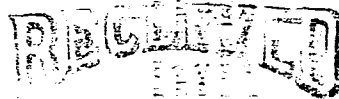
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Belco Petroleum Corporation requests permission to re-perforate, fracture treat and acidize 5214-16' (8 holes) & 5223-25' (8 holes) to evaluate additional sand stringers

**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**

DATE: 1/4/74  
BY: W. J. Ball



DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED J. C. Ball TITLE District Engineer DATE 1-5-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 2175' FWL &amp; 1929' FNL SE/NW

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

43-0470780

DATE ISSUED

9-22-80

15. DATE SPUNDED

9-17-80

16. DATE T.D. REACHED

10-2-80

17. DATE COMPL. (Ready for prod.)

2-1-81

18. ELEVATION OF REB, RT, GR, ETC.)\*

4709' GL

19. ELEV. CASINGHEAD

4709'

20. TOTAL DEPTH, MD &amp; TVD

5698' SLM

21. PLUG, BACK T.D., MD &amp; TVD

5655'

22. IF MULTIPLE COMPL.,  
HOW MANY

N/A

23. INTERVALS  
DRILLED BY

ALL

ROTARY TOOLS

CABLE TOOLS

-0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5214-5223' Green River

25. WAS DIRECTIONAL  
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLI, CNP, GR, W/caliper

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	188'	12 1/4"	200 sx Class "B"	None
5 1/2"	17#	5698'	8 3/4"	1070 sx 50-50 Poz.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5278.87'	

31. PERFORATION RECORD (Interval, size and number)

5214-16' 8 holes

5223-25' 8 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5214-25'	7,560 gal DC & 2700# 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-1-81		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-1-81	24		→	2	.6	TSTM	300 cf/bbl
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (SGORR.)	
10	25	→	2	.6	TSTM	35.5 @ 60	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Rick Schatz

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J. C. Ball

TITLE

District Engineer

DATE

3/4/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Uinta Green River	Surf 2466'	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐ JUN 2 1981  
2. NAME OF OPERATOR  
BELCO DEVELOPMENT CORPORATION  
3. ADDRESS OF OPERATOR  
P. O. BOX X, VERNAL, UTAH 84078  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2175' FWL & 1929' FNL SE 1/4 NW 1/4  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☒  
SHOOT OR ACIDIZE ☒  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

5. LEASE  
U-24230  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBE\* SURFACE  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
NORTH DUCK CREEK  
9. WELL NO.  
40-30GR  
10. FIELD OR WILDCAT NAME  
North Duck Creek  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 30, T8S, R21E  
12. COUNTY OR PARISH  
UINTAH  
13. STATE  
UTAH  
14. API NO.  
43-047-30780  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4707' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Belco requests approval to perf and treat 4941-43', 4955-57', & 4977-79' to test the J-2 & J-3 zones to increase production.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 6-30-81

BY: *Original Signed By: T. A. [illegible]*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *J. C. Ball* TITLE District Engineer DATE 6-23-81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐  
well well

2. NAME OF OPERATOR  
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR  
P.O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2175' FWL & 1929' FNL SE/NW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input checked="" type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
U-24230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBE SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
NORTH DUCK CREEK

9. WELL NO.  
40-30

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
SECTION 30, T8S, R21E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

14. API NO.  
43-047-30780

15. ELEVATIONS (SHOW DE KDB AND WD)  
4707' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to temporarily abandon this well. Procedure for permanent abandonment will be issued at a later date.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED JCB TITLE DISTRICT ENGINEER DATE 3-1-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**Belco Development Corporation**

**Belco**

RECEIVED  
AUG 31 1983

DIVISION OF  
OIL, GAS & MINING

August 30, 1983

Mr. E. W. Guynn-Oil & Gas Supervisor  
Bureau of Land Management  
Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

SUBJECT: Request to Plug & Abandon  
North Duck Creek 40-30  
Uintah County, Utah

Dear Sir,

Attached is a Sundry Notice requesting approval of plans to plug and abandon the above subject well located in Section 30, T8S, R21E, Uintah County, Utah.

Very truly yours,

*Kathy Knutson*  
Kathy Knutson  
Engineering Clerk

/kk  
attachments

cc: Division of Oil, Gas & Mining  
MGP/Houston  
Del Hunt/Houston  
Denver  
Files  
J. M. Huber Corporation

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐  
well well other

2. NAME OF OPERATOR  
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR  
P.O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2175' FWL & 1929' FNL SE/NW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

5. LEASE

U-24230 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE TRIBE SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NORTH DUCK CREEK

9. WELL NO.

40-30

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC 30, T8S, R21E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

14. API NO.

43-047-30780

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4707' NAT GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WELL DATA: 5 1/2" csg @ 5698' cmt'd w/1070 sx, cmt top @ 3258' CBL  
9 5/8" csg @ 188'

PROCEDURE: 1. 35 sx cement plug at 4800-5000' ✓  
2. Cut and pull 5 1/2" csg from 2000'.  
3. ✓ Spot 50 sx cmt plug from 100' below cut off to 100' above cut off.  
4. ✓ 100 sx cmt plug 100'-300'  
5. ✓ 15 sx plug in top of surface casing.  
6. Install a dry hole marker and rehabilitate to BIA specifics.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. Ball TITLE DISTRICT ENGINEER DATE 8-30-83

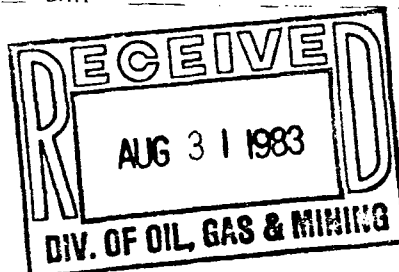
(This space for Federal or State office use)

APPROVED BY THE STATE  
CONDITION \_\_\_\_\_

OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 8/31/83  
BY: [Signature]

See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR  
BELCO DEVELOPMENT CORPORATION
3. ADDRESS OF OPERATOR  
P.O. BOX X, VERNAL, UTAH 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2175' FWL & 1929' FNL SE/NW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: SAME
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(other)	

5. LEASE  
U-24230 ✓
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBE SURFACE
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME  
NORTH DUCK CREEK
9. WELL NO. ✓  
40-30CR
10. FIELD OR WILDCAT NAME
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 30, T8S, R21E
12. COUNTY OR PARISH  
UINTAH
13. STATE  
UTAH
14. API NO.  
43-047-30780
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4707' NAT GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

✓ GIBSON WELL SERVICE MOVED ON LOCATION TO P & A WELL ON 10-12-83.  
✓ 35 SX "G" CEMENT PLUG WAS SET FROM 4800'-5000'. CUT 5 1/2" CASING  
AT 2690'. LD CSG. SET ✓ 50 SX CMT PLUG FROM 2800' to 2554'. SET  
✓ 100 SX CMT PLUG FROM 300' to 150'.

A DRY HOLE MARKER WILL BE SET ✓ W/15 SX CEMENT IN TOP OF SURFACE CSG  
AND LOCATION WILL BE REHABILITATED TO BIA SPECIFICS WHEN WEATHER  
PERMITS SEED GERMINATION.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Subsurface Safety Valve: Manu. and Type

DATE: 10-17-83  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED: [Signature] TITLE: ENG CLERK DATE: 10-17-83

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

RECEIVED  
OCT 16 1983

Belco Development Corporation

DIVISION OF  
OIL, GAS & MINING

Belco

October 17, 1983

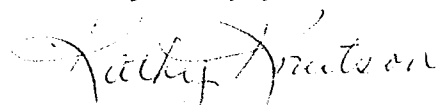
Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

SUBJECT: Report of **Plug and Abandonment**  
North Duck Creek 40-30GR  
Uintah County, Utah

Dear Sirs,

Attached is a Sundry Notice reporting the Plug and Abandonment procedure as used on the above subject well. A dry hole marker will be set with 15 sacks of cement in the top of the surface casing and the location will be rehabilitated as agreed within the next couple of weeks.

Very truly yours,



Kathy Knutson  
Engineering Clerk

/kk  
attachments

cc: ~~Division~~ Division of Oil, Gas & Mining  
J. M. Huber  
Belco Houston  
Belco Denver  
Files